

FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PW FORM PAT-1449)
Patent and Trademark Office



**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Atty. Dkt. No.	M#	Client Ref.
	056646-5023-US	HP/LP6233944
Applicant: Shik Chi TSANG et al.		
Appln. No.: 10/500,842		
Filing Date: January 10, 2005		
Examiner: unassigned		Group Art Unit: 1616

Date: August 18, 2005

Page 1 of 2

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
N.C.	AR 5,547,748	08/1996	Ruoff et al.	428	323	
N.C.	BR					

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Applicant Name		English Abstract		Translation Readily Available	
						Enclosed	No	Enclose	No
N.C.	WO 99/46782	09/1999	PCT	Geus	H01F				
N.C.	CR 9086915	03/1997	Japan	Yoji	C01B				
N.C.	DR 02-069904	03/1990	Japan	Yoshiteru et al.	H01F				

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

N.C.	*ER	Jeyadevan et al., "Oxidation Protective Carbon Layer for Magnetic Particles by Surfactant Reduction", IEEE Transactions on Magnetics, 32(5):4511-4513 (September 1996)				
	*FR	Turgut et al., "Magnetic evidence for structural-phase transformations in Fe-Co alloy nanocrystals produced by a carbon arc", J. Appl. Phys., 81(8):4039-4041 (April 15, 1997)				
	GR	Heath et al., "Lanthanum Complexes of Spheroidal Carbon Shells", J. Am. Chem. Soc., 107:7779-7780 (1985)	X			
	HR	Majetich et al., "Preparation and properties of carbon-coated magnetic nanocrystallites", Phys. Rev. B, 48:16 845-16 848 (December 1, 1993)	X			
	IR	Seraphin et al., Am. Inst. Phys., 80:2097-2104 (August 15, 1996)	X			
	JR	Y. Saito, "Nanoparticles and Filled Nanocapsules", Carbon, 33(7):979-988 (1995)	X			
	KR	Dravid et al., "Controlled-size nanocapsules", Nature, 374:602 (April 13, 1995)	X			
	LR	Heath et al., "The Formation of Long Carbon Chain Molecules during Laser Vaporization of Graphite", J. Am. Chem. Soc., 109:359-363 (1987)	X			
	MR	D. Ugarte, "How to fill or empty a graphitic onion", Chem. Phys. Lett., 209(1,2):99-103 (June 25, 1993)	X			
	NR	Tsang et al., "Thinning and opening of carbon nanotubes by oxidation using carbon dioxide", Nature, 362:520-522 (April 8, 1993)	X			
	OR	Tsang et al., "A simple chemical method of opening and filling carbon nanotubes", Nature, 372:159-161 (November 10, 1994)	X			
N.C.	PR	Tsang et al., "Immunobilization of Platinated and Iodinated Oligonucleotides on Carbon Nanotubes", Angew. Chem. Int. Ed. Engl., 36(20):2198-2200 (1997)	X			

Examiner N.C. Date Considered: 10/12/07

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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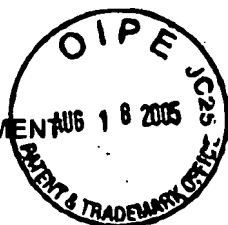
M#

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Page 2 of 2

Examiner: unassigned

Group Art Unit: 1616

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

NR	AR	Harris et al., "A simple technique for the synthesis of filled carbon nanoparticles", Chem. Phys. Lett., 293:53-58 (1998)	X			
	BR	Harris et al., "Encapsulating uranium in carbon nanoparticles using a new technique", Carbon, 36:185-1860 (1998)	X			
	CR	Baker et al., "Formation of Filamentous Carbon from Iron, Cobalt and Chromium Catalyzed Decomposition of Acetylene", Journal of Catalysis, 30:86-95 (1973)	X			
	DR	Harris et al., "High-resolution electron microscopy studies of non-graphitizing carbons", Philosophical Magazine A, 76(3):667-677 (1997)	X			
	ER	Host et al., "Graphite encapsulated nanocrystals produced using a low carbon:metal ratio", J. Mater. Res., 12(5):1268-1273 (May 1997)	X			
	FR	Subramoney et al., "Radial single-layer nanotubes", Nature, 366:637 (December 16, 1993)	X			
	GR	D. Ugarte, Nature, 359:707-709 (October 22, 1992)	X			
	HR	Lulli et al., "Influence of electron-beam parameters on the radiation-induced formation of graphitic onions", Ultramicroscopy, 60:187-194 (1995)	X			
	IR	Burch et al., "Technegas-a new ventilation agent for lung scanning", Nuclear Medicine Communications, 7:865-871 (1986)	X			
	JR	Burch et al., "Lung Ventilation Studies with Technetium-99m Pseudogas", The Journal of Nuclear Medicine, 27:842-846 (1986)	X			
	KR	Senden et al., "The Physical and Chemical Nature of Technegas", J. Nucl. Med., 38:1327-1331 (1997)	X			
NR	LR	Ng et al., "Thermal-Induced Microstructural Changes of Nickel-Iron Cyanide", J. Phys. Chem. A, 104:8814-8822 (2000)	X			

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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

PTO Form 1449

Attorney Docket No.

056646-5023

Serial No.

Unassigned

500842

Applicants

Shik Chi TSANG, et al.

Filing Date

January 7, 2003

Group

Unassigned

U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
N-G	5,472,749	12/05/1995	DRAVID, et al.			10/27/1994
N-G	2001/0051766	12/13/2001	GAZDZINSKI			03/26/2001
N-G	6,009,457	12/28/1999	MOLLER			04/22/1996


FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Sub Class	Translation YES	Translation NO
02/00192	06/21/2001	WO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

N-G	G.E. GADD, et al. "The encapsulation of Ni in Graphitic Layers Using C60 As A Precursor." CARBON. Vol. 29, No. 12, October 2001, pp. 1769-1787.

Examiner



Date Considered

10/12/02

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